

Attorney Docket No: O 2001.662 US D2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

EGGEN ET AL

Serial No.: To be assigned Group Art Unit: To be assigned

Filed: October 23, 2003 Examiner: To be assigned

For: **PROCESS FOR RAPID SOLUTION SYNTHESIS OF PEPTIDES**

Divisional of: USSN 10/199,805 filed July 19, 2002

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)Honorable Commissioner of Patents
Alexandria, VA 22313

October 23, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each reference is enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be considered during the prosecution of this application and that the cited documents be listed on

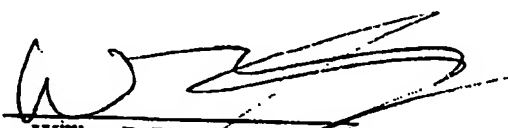
10/23/03

the front page of any patent issuing from this application.

Attorney Docket No. O 2801.662 US D2

The Patent Office is authorized to charge our Deposit Account No. 02-2334 for any fee which it deems to be required to effect consideration of this statement.

Respectfully submitted,



William P. Ramey III

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Registration Number 44,295

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INFORMATION DISCLOSURE CITATION PTO-1449	Attorney Docket No. O 2000.662 US D2	Serial No. To be assigned
	Applicant EGGEN ET AL	
	Filing Date October 23, 2003	Group To be assigned

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
JD	AA	5,221,754	6/22/93	Carpino et al			
	AB	6,310,180	10/30/01	Tam			
	AC	6,277,958	8/21/01	Aimoto			
	AD	6,204,361	3/20/01	Carpino et al			
	AE	5,510,491	4/23/96	Carpino et al			
	AF	5,101,059	3/31/92	Carpino et al			
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Translation
AJ				
AK				
AL				
AM				
AN				
AO				
AP				
AQ				

OTHER DOCUMENTS

JD	AR	CARPINO ET AL: "The 1,1-Dioxobenz[b] thiophene-2-ylmethyloxycarbonyl (Bsmoc) Amino-Protecting Group"; J. Org. Chem. 1999, vol. 64 pages 4324-4338
	AS	BERNARD ET AL: "Peptide Synthesis by Sappho Technology"; Industrial Chemistry Library, 1996, pp. 405-415
	AT	SUGAWARA ET AL: "A solution-phase synthesis of Fragment Peptide Derivatives Using an Automated Synthesis Apparatus"; Peptide Chemistry, 1996, vol. 33, pp 57-60
	AU	NOZAKI ET AL: "Rapid Peptide Synthesis in Liquid Phase..."; Bull. Chem. Soc. JP., 1982, 55(7), pp. 2165-2168
	AV	CHENG ET AL: "Liquid phase parallel synthesis..."; Tetrahedron Letters 40, 1999, pp 8975-8978
	AW	WALLACE ET AL: "Microsystem technology: a powerful tool for biomolecular studies..."; Biomethods, 1999, 10, pp. 225-240
	AX	GRAVERT ET AL: "Soluble polyethylene glycol supports for..."; Combinatorial Chemistry and Drug Discovery, 1997, 22 (10), pp. 1147-1150
Examiner / 2		Date Considered 10/30/03

INFORMATION DISCLOSURE CITATION PTO-1449	Attorney Docket No. O 2000.662 US D2	Serial No.
	Applicant EGGEN ET AL	
	Filing Date October 23, 2003	Group To be assigned

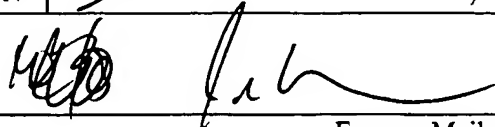
U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
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	AH						
	AI						

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		Document Number	Date	Country	Translation
	AJ				
	AK				
	AL				
	AM				
	AN				
	AO				
	AP				
	AQ				

OTHER DOCUMENTS

	AR	Mutter, Manfred and Bayer, Ernest: "The Liquid-Phase Method for Peptide Synthesis"; The Peptides, Volume 2, pages 285-332
	AS	
	AT	
	AU	
	AV	
Examiner 	Date Considered 10/30/07	

Express Mail 138172382 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

EGGEN ET AL

Serial No.: 10/693,802

Group Art Unit: To be assigned

Filed: October 23, 2003

Examiner: To be assigned

For: PROCESS FOR RAPID SOLUTION SYNTHESIS OF PEPTIDES

Divisional of: USSN 10/199,805, filed July 19, 2002

**INFORMATION DISCLOSURE STATEMENT AND
CERTIFICATION PURSUANT TO 37 CFR 1.97(c)**

12/15/03

Assistant Commissioner of Patents
Alexandria, VA 22313

December 12, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. These references were cited in the Search Report for the corresponding European application. Copies of the Search Report and cited references are enclosed.

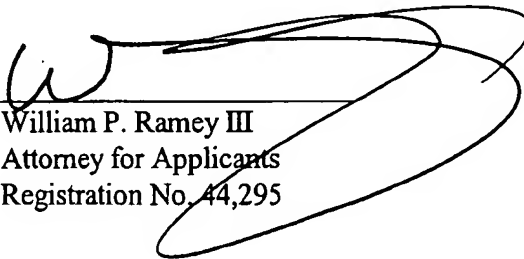
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Respectfully submitted,



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INFORMATION DISCLOSURE CITATION PTO-1449	Attorney Docket No.	Serial No.
	2001.662 US D2	10/693,802
	Applicant EGGEN ET AL	
	Filing Date	Group
	October 23, 2003	TBA

U.S. PATENT DOCUMENTS

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	AA						
	AB						
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	AH						
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		Document Number	Date	Country	Translation
JR	AJ	00 71569	30 November 2000	WO	
	AK				
	AL				
	AM				
	AN				
	AO				
	AP				
	AQ				

OTHER DOCUMENTS

JR	AR	GAYLO L M ET AL: "Ion-Exchange Resins for Solution Phase Parallel Synthesis of Chemical Libraries"; Tetrahedron Letters, Elsevier Science Publishers, Amsterdam, NL; vol. 38, no. 4, January 27, 1997, pages 513-516
	AS	SUTO M J ET AL: "Solution-Phase Parallel Synthesis Using Ion-Exchange Resins" Tetrahedron, Elsevier Science Publishers, Amsterdam, NL, vol. 54, no. 16, April 16, 1998, pages 4141-4150
	AT	MEHTA A ET AL: "Improved efficiency and selectivity in peptide synthesis use of triethylsilane as a carbocation scavenger in deprotection of tert butyl esters and tert butoxycarbonyl-protected sites", Tetrahedron Letters, vol. 33, no. 37, 1992, pages 5441-5444
	AU	
	AV	
	AW	
	AX	
Examiner		Date Considered
[Signature]		10/30/03



Docket Number D 2001.662 US D2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

EGGEN ET AL

Serial No.: 10/693,802

Group Art Unit: To be assigned

Filed: October 23, 2003

Examiner: To be assigned

For: PROCESS FOR RAPID SOLUTION SYNTHESIS OF PEPTIDES

1/20/04

Divisional of: USSN 10/199,805, filed July 19, 2002

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT AND
CERTIFICATION PURSUANT TO 37 CFR 1.97(c)**

Assistant Commissioner of Patents
Alexandria, VA 22313

January 15, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. These references were cited in the Search Report for the corresponding European application. Copies of the Search Report and cited references are enclosed.

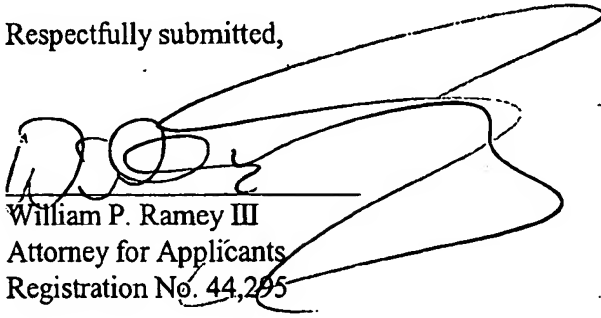
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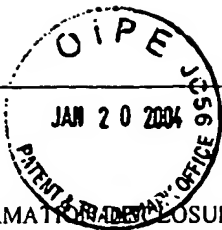
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Respectfully submitted,



William P. Ramey III
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INFORMATIONAL CITATION

PTO-1449

Attorney Docket No.

D 2001.662 US D2

Serial No.

10/693802

Applicant
EGGEN ET AL

Filing Date

October 23, 2003

Group

TBA

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
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FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Translation
AJ			
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AL			
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AN			
AO			
AP			
AQ			

OTHER DOCUMENTS

AR	
AS	
AT	
AU	PINILLA ET AL: Gene (1993) Vol. 128, pages 71-76
AV	KISTALUDY ET AL: Tetrahedron Lett. (1974) Vol. 19, pages 1785-1786
AW	
AX	
Examiner	Date Considered
<i>[Signature]</i>	10/30/03

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934 4305

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Intervet Inc.
405 State Street
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June 8, 2004

11/20/04

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Examiner To Be Assigned

USPTO
Group Art Unit: 1639

703-872-9306

PERSON FROM:	COMPANY/DEPT FROM:	FAX NUMBER:
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Diane Payne on behalf of
William P. Ramey, III

Intervet, Millsboro
Patent Department

302-934-4305

RE:

USSN: 10/693,802

Attorney Docket No.: O 2001.662 US D2

Please accept the documents which follow in the above-identified application.

Information Disclosure Statement and Transmittal of Fee (2 pages)

Information Disclosure Statement (1 page)

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Attorney Docket No.: D-2001.662 US D2

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BY: Diana P. ByrneDate: 6-8-04

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

EGGEN et al.

Serial No.: 10/693,802

Group Art Unit: 1639.

Filed: October 23, 2003

Examiner: To be assigned

For: Process for rapid solution synthesis of peptides

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Assistant Commissioner of Patents
Arlington, VA 22313

June 8, 2004,

Sir:

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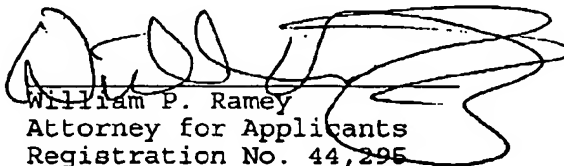
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Respectfully submitted,


William P. Ramey
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PTQ/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/693,802
Filing Date	OCTOBER 23, 2003
First Named Inventor	IVO FRANCI EGGEN
Art Unit	1639
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	2001.662 US D2

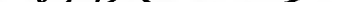
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Signature		Date Considered	10/30/03
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(302) 934-8051

June 23, 2004

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USPTO

703-872-9306

Group Art Unit: 1639

PERSON FROM:	COMPANY/DEPT FROM:	FAX NUMBER:
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Diane Payne on behalf of
William P. Ramey, III

Intervet, Millsboro
Patent Department

302-934-4305

6/23/04

RE: USSN: 10/693,802

Attorney Docket No.: D-2001.662 US D2

Please accept the following documents which follow in the above-identified application:

Supplemental Information Disclosure Statement (2 pages)

IDS Form PTO SB08A (1 page)

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CERTIFICATE OF FACSIMILE TRANSMISSION

Attorney Docket No.: D-2001.662 US D2

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

EGGEN et al.

Serial No.: 10/693,802

Group Art Unit: 1639

Filed: October 23, 2003

Examiner: To be assigned

For: Process for rapid solution synthesis of peptides

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)Assistant Commissioner of Patents
Arlington, VA 22313

June 23, 2004

Sir:

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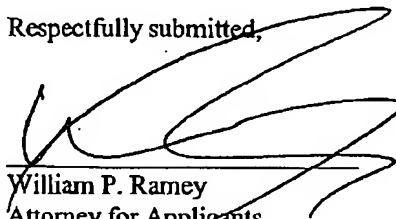
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Respectfully submitted,



William P. Ramey
Attorney for Applicants
Registration No. 44,295

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PTO/SB/08A (08-03)



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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/693,802
		Filing Date	October 23, 2003
		First Named Inventor	Ivo F. Eggen et al
		Art Unit	1639
		Examiner Name	To Be Assigned
		Attorney Docket Number	D-2001.662 US D2
Sheet 1	of 1		

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Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.

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